

1. A method of weaving a fabric using fill yarns from at least one forming package,
comprising:

providing a plurality of warp yarns to a loom;

providing at least one forming package of yarn as a fill yarn to the loom by paying out

5 the yarn from the outside of the at least one forming package; and

weaving the plurality of warp yarns and the fill yarn to form a fabric.

2. The method of claim 1, wherein the at least one forming package comprises at least
one strand of yarn with substantially no twist.

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3. The method of claim 1, wherein the method does not comprise twisting the fill yarn
using a twist frame prior to providing the at least one forming package of yarn as a fill yarn
to the loom.

15 4. The method of claim 1, wherein the plurality of warp yarns comprises a beam of warp
yarns.

5. The method of claim 1, wherein the plurality of warp yarns comprises a plurality of
twisted warp yarns.

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6. An apparatus for providing a forming package of yarn with substantially no twist to a loom, comprising:

at least one package holder; and

at least one payout ring removably coupled to the at least one package holder, the

5 payout ring comprising a ring and a hub,

wherein the hub secures the payout ring to the package holder.

7. The apparatus of claim 6, further comprising a plurality of spokes connecting the ring to the hub.

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8. The apparatus of claim 6, wherein the at least one package holder is coupled to a stand.

9. The apparatus of claim 6, wherein the at least one package holder is configured to
15 hold a forming package.

10. The apparatus of claim 6, wherein the at least one package holder is substantially horizontally oriented.

20 11. The apparatus of claim 10, further comprising a second package holder and a second payout ring removably coupled to the second package holder.

12. The apparatus of claim 11, wherein the second package holder is substantially horizontally oriented.
13. The apparatus of claim 11, wherein the second package holder is substantially
5 vertically oriented.
14. The apparatus of claim 13, further comprising at least one guide eyelet.
15. The apparatus of claim 14, wherein the at least one guide eyelet is adapted to assist in
10 providing yarn from a package holder to a loom.
16. The apparatus of claim 6, wherein the at least one package holder is substantially vertically oriented.
- 15 17. The apparatus of claim 16, further comprising at least one guide eyelet.
18. The apparatus of claim 17, wherein the at least one guide eyelet is adapted to assist in providing yarn from a package holder to a loom.
- 20 19. The apparatus of claim 16, further comprising a second package holder and a second payout ring removably coupled to the second package holder.

20. The apparatus of claim 19, wherein the second package holder is substantially vertically oriented.

21. The apparatus of claim 20, further comprising at least one guide eyelet.

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22. The apparatus of claim 21, wherein the at least one guide eyelet is adapted to assist in providing yarn from a package holder to a loom.

23. An apparatus for providing a forming package of yarn with substantially no twist to a loom, comprising:

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at least one package holder; and

at least one payout ring removably coupled to the at least one package holder, the payout ring having a diameter larger than a diameter of the forming package to be provided to the loom.

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24. The apparatus of claim 23, wherein the payout ring comprises a ring and a hub, wherein the hub secures the payout ring to the package holder.

25. The apparatus of claim 24, further comprising a plurality of spokes connecting the ring to the hub.

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26. The apparatus of claim 23, wherein the at least one package holder is coupled to a stand.

27. The apparatus of claim 23, wherein the at least one package holder is configured to hold a forming package.

5 28. The apparatus of claim 23, wherein the at least one package holder is substantially horizontally oriented.

29. The apparatus of claim 28, further comprising a second package holder and a second payout ring removably coupled to the second package holder.

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30. The apparatus of claim 29, wherein the second package holder is substantially horizontally oriented.

15 31. The apparatus of claim 29, wherein the second package holder is substantially vertically oriented.

32. The apparatus of claim 31, further comprising at least one guide eyelet.

20 33. The apparatus of claim 32, wherein the at least one guide eyelet is adapted to assist in providing yarn from a package holder to a loom.

34. The apparatus of claim 23, wherein the at least one package holder is substantially vertically oriented.

35. The apparatus of claim 34, further comprising at least one guide eyelet.
36. The apparatus of claim 35, wherein the at least one guide eyelet is adapted to assist in
5 providing yarn from a package holder to a loom.
37. The apparatus of claim 34, further comprising a second package holder and a second payout ring removably coupled to the second package holder.
- 10 38. The apparatus of claim 37, wherein the second package holder is substantially vertically oriented.
39. The apparatus of claim 38, further comprising at least one guide eyelet.
- 15 40. The apparatus of claim 39, wherein the at least one guide eyelet is adapted to assist in providing yarn from a package holder to a loom.

41. A system for weaving fabrics, comprising:

a loom;

a beam of warp yarn;

at least one package holder;

5 at least one forming package positioned on the at least one package holder;

at least one payout ring removably coupled to the at least one package holder, the at least one payout ring having a diameter larger than the diameter of the at least one forming package.

10 42. The system of claim 41, wherein the at least one payout ring comprises a ring, a hub, and a plurality of spokes connecting the ring to the hub.

43. The system of claim 42, wherein the hub secures the payout ring to the package holder.

15 44. The system of claim 41, further comprising a second package holder, a second forming package positioned on the second package holder, and a second payout ring removably coupled to the second package holder, the second payout ring having a diameter larger than the diameter of the second forming package.

20 45. The system of claim 44, wherein the package holders are coupled to a stand.

46. The system of claim 44, wherein the first package holder is substantially horizontally oriented.

47. The system of claim 46, wherein the second package holder is substantially

5 horizontally oriented.

48. The system of claim 46, wherein the second package holder is substantially vertically oriented.

10 49. The system of claim 48, further comprising at least one guide eyelet.

50. The system of claim 49, wherein the at least one guide eyelet is adapted to assist in providing yarn from the second forming package on the second package holder to the loom.

15 51. The system of claim 44, wherein the first package holder is substantially vertically oriented.

52. The system of claim 51, wherein the second package holder is substantially vertically oriented.

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53. The system of claim 52, further comprising a first guide eyelet associated with the first package holder and a second guide eyelet associated with the second package holder.

54. The system of claim 53, wherein the guide eyelets are adapted to assist in providing yarn from at least one of the forming packages to the loom.